IN THE CLAIMS:

Please add new claims 93-98 as follows:

--93. The constructed, recombinant DNA sequence of claim 81, further comprising the constructed recombinant DNA sequence that comprises the coding sequence for the active heavy chain of human protein C, said DNA sequences being in a contiguous open reading frame, said active heavy chain having the amino acid residue sequence:

LEU ILE ASP GLY LYS MET THR ARG ARG GLY ASP SER PRO TRP GLN VAL VAL LEU LEU ASP SER LYS LYS LYS LEU ALA CYS GLY ALA VAL LEU ILE HIS PRO SER TRP VAL LEU THR ALA ALA HIS CYS MET ASP GLU SER LYS LYS LEU LEU VAL ARG LEU GLY GLU TYR ASP LEU ARG ARG TRP GLU LYS TRP GLU LEU ASP LEU ASP ILE LYS GLU VAL PHE VAL HIS PRO ASN TYR SER LYS SER THR THR ASP ASN ASP ILE ALA LEU LEU HIS LEU ALA GLN PRO ALA THR LEU SER GLN THR ILE VAL PRO ILE CYS LEU PRO ASP SER GLY LEU ALA GLU ARG GLU LEU ASN GLN ALA GLY GLN GLU THR LEU VAL THR GLY TRP GLY TYR HIS SER SER ARG GLU LYS GLU ALA LYS ARG ASN ARG THR PHE VAL LEU ASN PHE ILE LYS ILE PRO VAL VAL PRO HIS ASN GLU CYS SER GLU VAL MET SER ASN MET VAL SER GLU ASN MET LEU CYS ALA GLY ILE LEU GLY ASP ARG GLN ASP ALA CYS GLU GLY ASP SER GLY GLY PRO MET VAL ALA SER PHE HIS GLY THR TRP PHE LEU VAL GLY LEU VAL SER TRP GLY GLU GLY CYS GLY LEU LEU HIS ASN TYR GLY VAL TYR THR LYS VAL SER ARG TYR LEU ASP TRP ILE HIS GLY HIS ILE ARG ASP LYS

GLU ALA PRO GLN LYS SER TRP ALA PRO

wherein ALA is Alanine, ARG is Arginine, ASN is Asparagine, ASP is Aspartic Acid, CYS is Cysteine, GLN is Glutamine, GLU is Glutamic Acid, GLY is Glycine, HIS is Histidine, ILE is Isoleucine, LEU is Leucine, LYS is Lysine, MET is Methionine, PHE is Phenylalanine, PRO is Proline, SER is Serine, THR is Threonine, TRP is Tryptophan, TYR is Tyrosine, and VAL is Valine.

94. The constructed, recombinant DNA sequence of claim 81, further comprising the constructed recombinant DNA sequence that comprises the coding sequence for the active heavy chain of human protein C, said DNA sequences together encoding the zymogen form of human protein C, said active heavy chain having the amino acid residue sequence:

LEU ILE ASP GLY LYS MET THR ARG ARG GLY ASP SER PRO TRP GLN VAL VAL LEU LEU ASP SER LYS LYS LYS LEU ALA CYS GLY ALA VAL LEU ILE HIS PRO SER TRP VAL LEU THR ALA ALA HIS CYS MET ASP GLU SER LYS LYS LEU LEU VAL ARG LEU GLY GLU TYR ASP LEU ARG ARG TRP GLU LYS TRP GLU LEU ASP LEU ASP ILE LYS GLU VAL PHE VAL HIS PRO ASN TYR SER LYS SER THR THR ASP ASN ASP ILE ALA LEU LEU HIS LEU ALA GLN PRO ALA THR LEU SER GLN THR ILE VAL PRO ILE CYS LEU PRO ASP SER GLY LEU ALA GLU ARG GLU LEU ASN GLN ALA GLY GLN GLU THR LEU VAL THR GLY TRP GLY TYR HIS SER SER ARG GLU LYS GLU ALA LYS ARG ASN ARG THR PHE VAL LEU ASN PHE ILE LYS ILE PRO

VAL VAL PRO HIS ASN GLU CYS SER GLU VAL MET SER ASN MET VAL SER GLU ASN MET LEU CYS ALA GLY ILE LEU GLY ASP ARG GLN ASP ALA CYS GLU GLY ASP SER GLY GLY PRO MET VAL ALA SER PHE HIS GLY THR TRP PHE LEU VAL GLY LEU VAL SER TRP GLY GLU GLY CYS GLY LEU LEU HIS ASN TYR GLY VAL TYR THR LYS VAL SER ARG TYR LEU ASP TRP ILE HIS GLY HIS ILE ARG ASP LYS GLU ALA PRO GLN LYS SER TRP ALA PRO

wherein ALA is Alanine, ARG is Arginine, ASN is Asparagine, ASP is Aspartic Acid, CYS is Cysteine, GLN is Glutamine, GLU is Glutamic Acid, GLY is Glycine, HIS is Histidine, ILE is Isoleucine, LEU is Leucine, LYS is Lysine, MET is Methionine, PHE is Phenylalanine, PRO is Proline, SER is Serine, THR is Threonine, TRP is Tryptophan, TYR is Tyrosine, and VAL is Valine.

95. The constructed, recombinant DNA sequence of claim 81, further comprising the constructed recombinant DNA sequence that comprises the coding sequence for the heavy chain of human protein C, said heavy chain having the amino acid residue sequence:

ASP THR GLU ASP GLN GLU ASP GLN VAL ASP PRO ARG LEU ILE ASP GLY LYS MET THR ARG ARG GLY ASP SER PRO TRP GLN VAL VAL LEU LEU ASP SER LYS LYS LYS LEU ALA CYS GLY ALA VAL LEU ILE HIS PRO SER TRP VAL LEU THR ALA ALA HIS CYS MET ASP GLU SER LYS LYS LEU LEU VAL ARG LEU GLY GLU TYR ASP LEU ARG ARG TRP GLU LYS TRP GLU LEU ASP LEU ASP ILE LYS GLU VAL

PHE VAL HIS PRO ASN TYR SER LYS SER THR THR ASP ASN ASP ILE ALA LEU LEU HIS LEU ALA GLN PRO ALA THR LEU SER GLN THR ILE VAL PRO ILE CYS LEU PRO ASP SER GLY LEU ALA GLU ARG GLU LEU ASN GLN ALA GLY GLN GLU THR LEU VAL THR GLY TRP GLY TYR HIS SER SER ARG GLU LYS GLU ALA LYS ARG ASN ARG THR PHE VAL LEU ASN PHE ILE LYS ILE PRO VAL VAL PRO HIS ASN GLU CYS SER GLU VAL MET SER ASN MET VAL SER GLU ASN MET LEU CYS ALA GLY ILE LEU GLY ASP ARG GLN ASP ALA CYS GLU GLY ASP SER GLY GLY PRO MET VAL ALA SER PHE HIS GLY THR TRP PHE LEU VAL GLY LEU VAL SER TRP GLY GLU GLY CYS GLY LEU LEU HIS ASN TYR GLY VAL TYR THR LYS VAL SER ARG TYR LEU ASP TRP ILE HIS GLY HIS ILE ARG ASP LYS GLU ALA PRO GLN LYS SER TRP ALA PRO

wherein ALA is Alanine, ARG is Arginine, ASN is Asparagine, ASP is Aspartic Acid, CYS is Cysteine, GLN is Glutamine, GLU is Glutamic Acid, GLY is Glycine, HIS is Histidine, ILE is Isoleucine, LEU is Leucine, LYS is Lysine, MET is Methionine, PHE is Phenylalanine, PRO is Proline, SER is Serine, THR is Threonine, TRP is Tryptophan, TYR is Tyrosine, and VAL is Valine.

96. The constructed, recombinant DNA sequence of claim 81, further comprising the constructed recombinant DNA sequence that comprises the coding sequence for the heavy chain of human protein C, said DNA sequences being in a contiguous open reading frame, said heavy

chain having the amino acid residue sequence:

ASP THR GLU ASP GLN GLU ASP GLN VAL ASP PRO ARG LEU ILE ASP GLY LYS MET THR ARG ARG GLY ASP SER PRO TRP GLN VAL VAL LEU LEU ASP SER LYS LYS LYS LEU ALA CYS GLY ALA VAL LEU ILE HIS PRO SER TRP VAL LEU THR ALA ALA HIS CYS MET ASP GLU SER LYS LYS LEU LEU VAL ARG LEU GLY GLU TYR ASP LEU ARG ARG TRP GLU LYS TRP GLU LEU ASP LEU ASP ILE LYS GLU VAL PHE VAL HIS PRO ASN TYR SER LYS SER THR THR ASP ASN ASP ILE ALA LEU LEU HIS LEU ALA GLN PRO ALA THR LEU SER GLN THR ILE VAL PRO ILE CYS LEU PRO ASP SER GLY LEU ALA GLU ARG GLU LEU ASN GLN ALA GLY GLN GLU THR LEU VAL THR GLY TRP GLY TYR HIS SER SER ARG GLU LYS GLU ALA LYS ARG ASN ARG THR PHE VAL LEU ASN PHE ILE LYS ILE PRO VAL VAL PRO HIS ASN GLU CYS SER GLU VAL MET SER ASN MET VAL SER GLU ASN MET LEU CYS ALA GLY ILE LEU GLY ASP ARG GLN ASP ALA CYS GLU GLY ASP SER GLY GLY PRO MET VAL ALA SER PHE HIS GLY THR TRP PHE LEU VAL GLY LEU VAL SER TRP GLY GLU GLY CYS GLY LEU LEU HIS ASN TYR GLY VAL TYR THR LYS VAL SER ARG TYR LEU ASP TRP ILE HIS GLY HIS ILE ARG ASP LYS GLU ALA PRO GLN LYS SER TRP ALA PRO

wherein ALA is Alanine, ARG is Arginine, ASN is Asparagine, ASP is Aspartic Acid, CYS is Cysteine, GLN is Glutamine, GLU is Glutamic Acid, GLY is Glycine, HIS is Histidine, ILE is Isoleucine, LEU is Leucine, LYS is Lysine, MET is Methionine, PHE is Phenylalanine,

PRO is Proline, SER is Serine, THR is Threonine, TRP is Tryptophan, TYR is Tyrosine, and VAL is Valine.

97. The constructed, recombinant DNA sequence of claim 81, further comprising the constructed recombinant DNA sequence that comprises the coding sequence for the heavy chain of human protein C, said DNA sequences together encoding the zymogen form of human protein C, said heavy chain having the amino acid residue sequence:

ASP THR GLU ASP GLN GLU ASP GLN VAL ASP PRO ARG LEU ILE ASP GLY LYS MET THR ARG ARG GLY ASP SER PRO TRP GLN VAL VAL LEU LEU ASP SER LYS LYS LYS LEU ALA CYS GLY ALA VAL LEU ILE HIS PRO SER TRP VAL LEU THR ALA ALA HIS CYS MET ASP GLU SER LYS LYS LEU LEU VAL ARG LEU GLY GLU TYR ASP LEU ARG ARG TRP GLU LYS TRP GLU LEU ASP LEU ASP ILE LYS GLU VAL PHE VAL HIS PRO ASN TYR SER LYS SER THR THR ASP ASN ASP ILE ALA LEU LEU HIS LEU ALA GLN PRO ALA THR LEU SER GLN THR ILE VAL PRO ILE CYS LEU PRO ASP SER GLY LEU ALA GLU ARG GLU LEU ASN GLN ALA GLY GLN GLU THR LEU VAL THR GLY TRP GLY TYR HIS SER SER ARG GLU LYS GLU ALA LYS ARG ASN ARG THR PHE VAL LEU ASN PHE ILE LYS ILE PRO VAL VAL PRO HIS ASN GLU CYS SER GLU VAL MET SER ASN MET VAL SER GLU ASN MET LEU CYS ALA GLY ILE LEU GLY ASP ARG GLN ASP ALA CYS GLU GLY ASP SER GLY GLY PRO MET VAL ALA SER PHE HIS GLY THR TRP PHE LEU VAL GLY LEU VAL SER TRP GLY GLU